Ledtech

LA(C)30X1-16 0.3" SINGLE DIGIT DISPLAY

(HP TYPE)

Features

* LOW CURRENT REQUIREMENTS
* EXCELLENT CHARACTER APPEARANCE
* HIGH LIGHT OUTPUT
* RELIABLE AND RUGGED
* IC COMPATIBLE

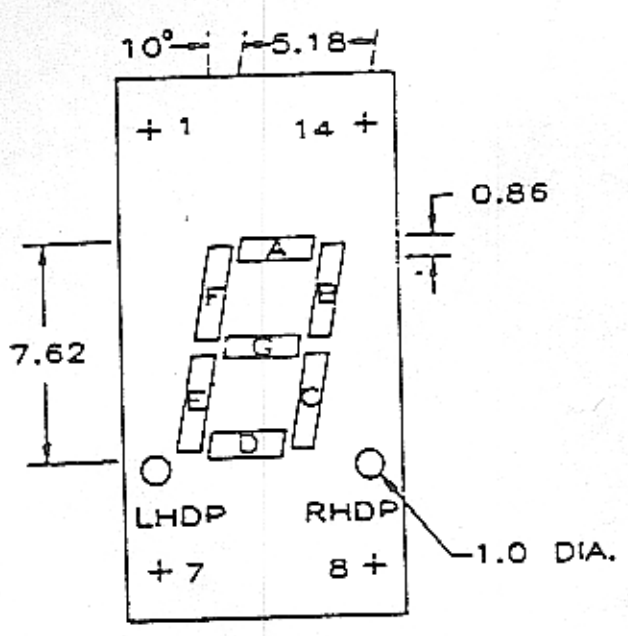
Absolute Maximum Ratings at T_A=25°C

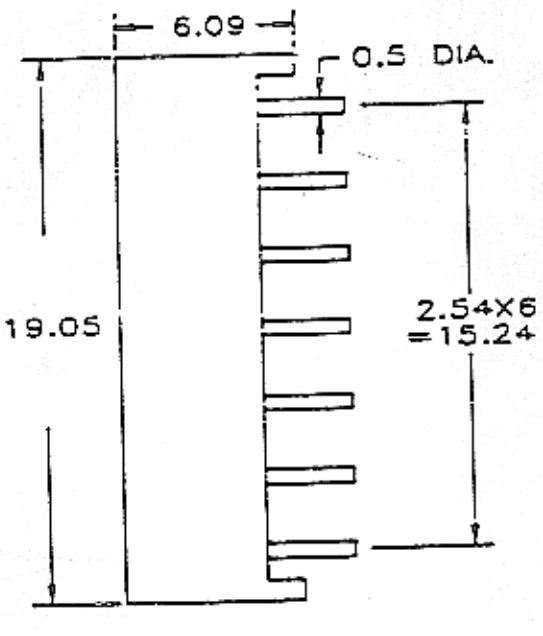
REVERSE VOLTAGE PER LED CHIP	GaAsP RED 3.0 V,OTHER 5.0 V
D.C. FORWARD CURRENT PER LED CHIP	30mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1ms PLUSE WIDTH) PER LED CHIP	100mA
OPERATING TEMPERATURE RANGE	−25°C TO +85°C
STORAGE TEMPERATURE RANGE	−25°C TO +100°C
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	260°C FOR 5 SEC.

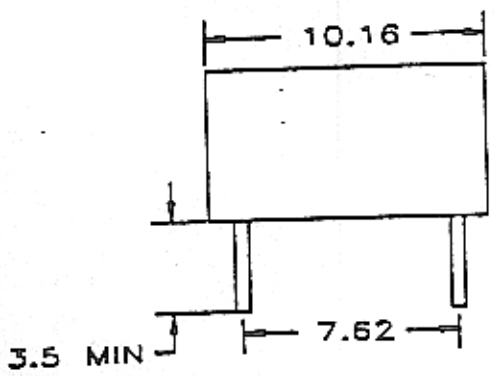
Electrical/Optical Characteristics at T_A=25°C

PART NUMBER		LED CHIP		FACE COLOR		PEAK WAVELENGTH	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT	@20mA(nm)	TYP.	MAX.	MIN.	TYP.
LA3011-16BWRN	LC3011-16BWRN	GaAsP	RED	BLACK	WHITE	655	1.7	2.0	0.2	0.5
LA3051-16BWRN	LC3051-16BWRN	GaP	RED	BLACK	WHITE	700	2.1	3.0	0.3	0.8
LA3021-16EWRN	LC3021-16EWRN	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.1	2.9
LA3031-16EWRN	LC3031-16EWRN	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	0.9	2.3
LA3041-16EWRN	LC3041-16EWRN	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	1.3	3.3
LA3041R-16RRRN	LC3041R-16RRRN	GaAsP ON GaP	HI-EFF.RED	RED	RED	635	2.1	3.0	1.3	3.3

Package Dimensions And Pin Function







1. ALL DIMENSIONS ARE IN mm. TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0° MAX.

LA30X1-16 COMMON ANODE PIN NO.	FUNCTION	LC30X1-16 COMMON CATHODE PIN NO.	FUNCTION
1.	CATHODE A	1.	NO PIN
2.	CATHODE F	2.	COMMON CATHODE
3.	COMMON ANODE	3.	ANODE F
4.	NO PIN	4.	ANODE G
5.	NO PIN	5.	ANODE E
6.	CATHODE LHDP	6.	ANODE D
7.	CATHODE E	7.	NO PIN
8.	CATHODE D	8.	NO PIN
9.	CATHODE RHDP	9.	COMMON CATHODE
10.	CATHODE C	10.	ANODE RHDP
11.	CATHODE G	11.	ANODE C
12.	NO PIN	12.	ANODE B
13.	CATHODE B	13.	ANODE A
14.	COMMON ANODE	14.	NO PIN